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Clean Set of All Pending Claims

30. An immunoadhesin comprising a polypeptide and an immunoglobulin amino acid sequence, the polypeptide comprising an amino acid sequence of the EGF-like domain of SEQ ID NO:4, wherein the polypeptide binds to ErbB4 receptor and activates receptor tyrosine phosphorylation of the ErbB4 receptor.

42. The immunoadhesin of claim 30, wherein the polypeptide is devoid of a cytoplasmic domain, or devoid of a transmembrane domain that can anchor the polypeptide in a cell membrane, or both.